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UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

Docket No. DSY-107

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Fransmitted herewith for filing under 35 U.S.C.	111(a) and 37 C.F.R.	1.53(b) is a new utility p	atent application for an
nvention entitled:			

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and in	vente	d bv:									2.5. 4.3. 7.6.
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If a C	ONTI	NUA	TION A	۱P	PLICATION,	ched	ck appropi	riate box and sup	ply	the requisite information:	
	Conti	nuati	on [Divisional		Continu	ation-in-part (Cl	P)	of prior application No.:	
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Which			on [_	Divisional		Continu	ıation-in-part (Cl	P)	of prior application No.:	
Enclo	sed a	ıre:					Appl	lication Element	S		
1.	\boxtimes	Filing	g fee a	s c	calculated and	d trar		ıs described belo			
2.	×	Spec	cificatio	n	having		23	pages ar	nd i	ncluding the following:	
a. ⊠ Descriptive Title of the Invention											
	b. Cross References to Related Applications (if applicable)										
	C.		Staten	ne	nt Regarding	Fede	erally-spo	nsored Research	/De	evelopment <i>(if applicable)</i>	
	d.		Refere	ene	ce to Sequen	ce Li	sting, a Ta	able, or a Compu	ter	Program Listing Appendix	
	e.	\boxtimes	Backg	ro	und of the Inv	entic	on				
	f.	\boxtimes	Brief S	Sur	mmary of the	Inve	ntion				
	g.	\boxtimes	Brief [)e:	scription of th	e Dra	awings <i>(if</i>	filed)			
	h.	×	Detaile	ed	Description						
	i.	\boxtimes	Claim	(s)	as Classified	Belo	ow				
j. 🗵 Abstract of the Disclosure											

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UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

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		Application Elements (Continued)	
3.	\boxtimes	Orawing(s) (when necessary as prescribed by 35 USC 113)	
	a.	▼ Formal Number of Sheets 11 (ELEVEN)	
	b.	☐ Informal Number of Sheets	
4.	X	Oath or Declaration	
	a.	☑ Newly executed (original or copy) ☐ Unexecuted	
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)	
	C.	☑ With Power of Attorney ☐ Without Power of Attorney	
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).	
5.		ncorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby ncorporated by reference therein.	
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
7. 8.		Application Data Sheet (See 37 CFR 1.76) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)	
	a.	☐ Computer Readable Form (CFR)	
	b.	☐ Specification Sequence Listing on:	
		i. CD-ROM or CD-R (2 copies); or	
		ii. 🔲 Paper	
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy	
		Accompanying Application Parts	
9.	\boxtimes	Assignment Papers (cover sheet & document(s))	
10.		37 CFR 3.73(B) Statement (when there is an assignee)	
11.		English Translation Document (if applicable)	
12.		nformation Disclosure Statement/PTO-1449	
13.		Preliminary Amendment	
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16.	Ц	Certificate of Mailing	
		☐ First Class ☐ Express Mail (Specify Label No.):	

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. DSY-107

Total Pages in this Submission

		Accompanying Application Parts (Continued)
17.	X	Applicant claims small entity status. See 37 CFR 1.27.
		Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:
18.		Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No. **DSY-107**

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra		Rate		Fee
Total Claims	39	20 =	19	x	\$9.00		\$171.00
Indep. Claims	4	- 3 =	1	x	\$43.00		\$43.00
Multiple Dependent Cl	aims (check	if applicable)		·			\$0.00
						BASIC FEE	\$385.00
OTHER FEE (specify	purpose)	A	ssignment Re	cordation	Fee		\$40.00
					TOTAL	FILING FEE	\$639.00
☑ Credit any☑ Charge an☐ Charge the	r is hereby au v. A duplicate e amount of overpaymen y additional f e issue fee se o 37 C.F.R. 1	e copy of this sheet t. iling fees required et in 37 C.F.R. 1.18	et is enclosed as filing fee. under 37 C.F	eposit Ad	ecount No.	50-1390 lowance,	

REG. NO. 44,615 SHAW PITTMAN LLP 1650 TYSONS BOULEVARD MCLEAN, VA 22102

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CC: